



A.D. 1862, 12th JULY. N° 2011.

S P E C I F I C A T I O N

OF

PIERRE PLASSAN.

ORTHOPÆDIC APPARATUS FOR
STRAIGHTENING THE HUMAN FRAME.

L O N D O N :

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY :

PUBLISHED AT THE GREAT SEAL PATENT OFFICE,
25, SOUTHAMPTON BUILDINGS, HOLBORN.

1863.



A.D. 1862, 12th JULY. N° 2011.

Orthopædic Apparatus for Straightening the Human Frame.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by Pierre Plassan at the Office of the Commissioners of Patents, with his Petition, on the 12th July 1862.

I, PIERRE PLASSAN, Doctor, of Tours, in the Department of Indre-et-Loire,
5 in the Empire of France, do hereby declare the nature of the said Invention for “AN IMPROVED ORTHOPÆDIC APPARATUS FOR STRAIGHTENING THE HUMAN FRAME,” to be as follows:—

My apparatus is composed of a belt of some strong woven fabric, which is placed on the pelvis above the trochanters. This belt is made in two pieces,
10 more or less closely brought together at the back by a couple of straps or a lace. The two anterior or fore parts of each of these pieces have eyelet holes or buckles, and thick pads are so placed inside the belt as to press on the inguinal region within the ilium, where the inguinal bandage is made to press in cases of the hernia, so called; by this means the belt is prevented from
15 turning and unpleasantly pressing or squeezing the hypogastric region. When the body is inclined to bend, and it is desirable that the head should be inured to an upright position, it is necessary to aid the muscles which hold it up, and as anything placed beneath the chin is very apparent, and wounds the self-love of young females more especially, I use several india-rubber rings, fixed by a
20 cord or otherwise on the upper part of two upright pieces, and which are also connected with a circular band surrounding the head beneath the hair,

Plassan's Improved Orthopædic Apparatus for Straightening the Human Frame.

exercising at the back an elastic traction proportioned to the resistance and seconding the action of the muscles which raise the head. By the aid of an elastic band fixed at the end of one of the upright pieces passed over the shoulder, and then attached (more or less close to the belt) to the upright piece on the side opposed to the shoulder over which it passes, I obtain a 5 traction which, while co-operating with the X-rest in raising the head, also aids in keeping in the dorsal projection, and brings back the spinal column when it is distorted. Lastly, by the aid of a piece or plate of leather applied on the projecting part of the breast, and which is attached to the upright on that side where there may happen to be a hollow or sinking, I bring the body 10 or trunk as much upright as possible.

LONDON :

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1863.